FY2020-21 TAEP - Genetics - Beef EPD & Accuracy Requirements by Breed

EPDs have changed for this application period and must be current as of October 1, 2020.

REQUIREMENTS – BULLS

1. **Test negative for BVD-PI** (test results required) – see veterinarian with BSE & 840 EID
2. **840 EID** – "840" are the first three digits (numeric code for "USA" – see vet at time of BSE, BVD-PI testing, and Trich testing)
3. **BSE** – must be performed by a licensed veterinarian within 90 days of purchase or reimbursement
4. **EPD and Accuracy requirements** – read below
5. **Receipt** – must have the following information:
    - seller name, address, and phone
    - bull ID, price, sale date, and buyer name

SUGGESTED – BULLS

- **Trichomoniasis testing** – "Trich" is a venereal disease of cattle caused by the protozoan Tritrichomoanas foetus, which is transmitted from cow to cow by infected bulls. **This disease reduces calf production by decreasing fertility and inducing abortions.** While heifers usually rid themselves of Trichomoniasis in three to six months, bulls carry the infection for life without showing any symptoms. With no medically approved cures available, detection and control of infected bulls is key to containing the disease. An official sample must be done by an accredited veterinarian who has been approved by the state. *Trich testing is suggested during BSE exam along with submitting ear notch sample for BVD-PI test and securing 840 EID tag for bull.*

Seedstock breeders are encouraged to print current bull pedigree once true NCE EPDs (min. 0.15 accuracy) are posted on the breed association website, October 1, 2020, or soon after, in order to keep a copy for buyers. Updated pedigree should be printed once GE-EPDs are posted.

Producers are encouraged to purchase registered bulls from trusted seedstock breeders who provide buyers with complete reimbursement documentation including bull type, receipt, 840 EID tag, BSE, negative BVD-PI test results and pedigree with current EPDs, accuracies, genomic status and performance data. You may visit with your Veterinarian and Seedstock breeder about Trich testing.

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Eligible beef breeds for the TAEP Genetics program must have a national breed performance testing program that participates in a National Cattle Evaluation (NCE) program recognized by the Beef Improvement Federation. Genomic Enhanced or True NCE EPDs must be calculated and printed from the most prominent breed association.

EPD & ACCURACY REQUIREMENTS

REQUIRED: A bull must meet or exceed EPD and Accuracy requirements in **each of 2** EPD groups (**Calving Ease & Growth**) for one of the following three bull types (Balanced, Calving Ease, or Terminal).

SUGGESTED: **Maternal** group contains a suggested Milk EPD range to be considered with the Balanced & Calving Ease Bull Types. Optimal Milk EPD range may be a useful tool for producers in selecting functional replacement females with appropriate maintenance requirements consistent with standard production systems.

- The more selective range (15% - 85% for all breeds) encourages producer consideration for an optimal range of Milk EPD values in replacement females of the breeding herd. Producers may purchase bulls with Milk EPD values either above or below the "suggested" range if deemed appropriate for the needs and direction of their breeding program. Relationship decisions with trusted Seedstock breeders, Extension leaders, and Beef industry leaders, are encouraged within this updated 3-Tier Bull Type system, which allows for greater flexibility.

BULL TYPES

Balanced	must meet 2 of 2 EPD groups (Calving Ease & Growth) **Maternal is suggested*
Calving Ease	must meet 2 of 2 EPD groups (Calving Ease & Growth) **Maternal is suggested*
Terminal	must meet 2 of 2 EPD groups (Calving Ease & Growth)

All bull types must have true NCE EPDs with minimum 0.15 accuracy for the Calving Ease (CE or BW) and Growth (WW or YW) groups. *Interim EPDs, pedigree estimates, pedigree index (ex. I, I+, P, P+ or 0.05 Accuracy), or parental averages* ***are not eligible*** *for reimbursement.*

**TAEP EPD and Accuracy Requirements for Balanced, Calving Ease & Terminal bulls are listed on the following pages.*

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$1,000 Max Reimbursement – Bulls with eligible true NCE EPDs with a minimum 0.15 accuracy for Calving Ease and Growth groups for one of the three eligible bull types.

- Bulls must have true NCE EPDs with a minimum 0.15 accuracy complete on breed association pedigree to be eligible for either 35% or 50% cost share reimbursement **up to $1,000.**
- Breed association pedigree must be submitted with reimbursement request and include EPDs, accuracies, and have a printed date between October 1, 2020 and June 1, 2021.

$1,600 Max Reimbursement – Bulls with eligible Genomic Enhanced EPDs for one of the three eligible bull types

- Genomic Enhanced EPD verification must be complete on breed association pedigree to be eligible for either 35% or 50% cost share reimbursement **up to $1,600**.
- Breed association pedigree must be submitted with reimbursement request and include EPDs, accuracies, genomic verification, and have a printed date between October 1, 2020 and June 1, 2021.

Payment may be denied if individual bulls do not have true NCE EPDs with a minimum 0.15 accuracy calculated by their breed association by June 1, 2021.

3 Bull Type Options – Balanced, Calving Ease, Terminal

BALANCED BULLS

For breeding a combination of mature cows and a few replacement heifers. Producers breeding heifers may consider ***both*** CE ***and*** BW EPDs (although TAEP requirement for Calving Ease group may be met with ***either/or***).

TAEP Balanced bull type sires are utilized in small herds where producers expect one bull to sire optimal performance & maternal (more growth than Calving Ease bulls) when bred to several mature cows while also maintaining adequate calving ease when bred to a few heifers.

CALVING EASE BULLS

For breeding replacement heifers. Producers breeding many heifers may consider ***both*** CE ***and*** BW EPDs (although TAEP requirement for Calving Ease group may be met with ***either/or***).

TAEP Calving Ease bull type sires are utilized to improve direct calving ease when bred to heifers while maintaining acceptable growth and maternal traits.

TERMINAL BULLS

For breeding mature cows only.

TAEP Terminal bull type sires can be utilized by producers desiring to maximize performance (more growth than either Balanced or Calving Ease bulls) when bred to mature cows.
**Not recommended to breed to heifers.*

QUESTIONS

TAEP Hotline: 800-342-8206

Genetics Coordinator: Ryan Betzelberger

Phone: 615-837-5382

Email: livestock.genetics@tn.gov

FY2020-21 TAEP - Genetics - Beef EPD & Accuracy Requirements by Breed

ANGUS	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	5	(0.15)	**or**	2.7	(0.15)	50	(0.15)	**or**	77	(0.15)	20	**to**	31
Calving Ease	9	(0.15)	**or**	1.3	(0.15)	44	(0.15)	**or**	75	(0.15)	20	**to**	31
Terminal	0	(0.15)	**or**	4.7	(0.15)	57	(0.15)	**or**	96	(0.15)			

AKAUSHI	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	5	(0.15)	**or**	1.6	(0.15)	47	(0.15)	**or**	84	(0.15)	20	**to**	26
Calving Ease	7	(0.15)	**or**	0.8	(0.15)	45	(0.15)	**or**	80	(0.15)	20	**to**	26
Terminal	3	(0.15)	**or**	2.6	(0.15)	51	(0.15)	**or**	88	(0.15)			

BEEFMASTER	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	3	(0.15)	**or**	0.4	(0.15)	17	(0.15)	**or**	32	(0.15)	6	**to**	12
Calving Ease	5	(0.15)	**or**	-1.5	(0.15)	15	(0.15)	**or**	30	(0.15)	6	**to**	12
Terminal	1	(0.15)	**or**	1.9	(0.15)	27	(0.15)	**or**	47	(0.15)			

BRAHMAN	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced				1.4	(0.15)	12	(0.15)	**or**	19	(0.15)	3	**to**	9
Calving Ease				-1	(0.15)	10	(0.15)	**or**	17	(0.15)	3	**to**	9
Terminal				3.3	(0.15)	21	(0.15)	**or**	33	(0.15)			

BRANGUS (BLACK)	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	4	(0.15)	**or**	1.4	(0.15)	20	(0.15)	**or**	35	(0.15)	5	**to**	13
Calving Ease	6	(0.15)	**or**	0	(0.15)	18	(0.15)	**or**	33	(0.15)	5	**to**	13
Terminal	2	(0.15)	**or**	2.9	(0.15)	28	(0.15)	**or**	53	(0.15)			

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RED BRANGUS	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	4	(0.15)	**or**	1.7	(0.15)	16	(0.15)	**or**	21	(0.15)	5	**to**	10
Calving Ease	6	(0.15)	**or**	0.6	(0.15)	14	(0.15)	**or**	20	(0.15)	5	**to**	10
Terminal	2	(0.15)	**or**	2.6	(0.15)	21	(0.15)	**or**	32	(0.15)			

ULTRABLACK	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	4	(0.15)	**or**	1.7	(0.15)	27	(0.15)	**or**	51	(0.15)	5	**to**	13
Calving Ease	6	(0.15)	**or**	0.3	(0.15)	24	(0.15)	**or**	48	(0.15)	5	**to**	13
Terminal	2	(0.15)	**or**	3.1	(0.15)	36	(0.15)	**or**	71	(0.15)			

BRAUNVIEH	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	5	(0.15)	**or**	3.0	(0.15)	42	(0.15)	**or**	63	(0.15)	30	**to**	37
Calving Ease	7	(0.15)	**or**	2.0	(0.15)	40	(0.15)	**or**	59	(0.15)	30	**to**	37
Terminal	3	(0.15)	**or**	4.7	(0.15)	46	(0.15)	**or**	72	(0.15)			

CHAROLAIS	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	6	(0.15)	**or**	0.4	(0.15)	25	(0.15)	**or**	40	(0.15)	4	**to**	16
Calving Ease	11	(0.15)	**or**	-2.0	(0.15)	23	(0.15)	**or**	37	(0.15)	4	**to**	16
Terminal	0	(0.15)	**or**	2.7	(0.15)	33	(0.15)	**or**	57	(0.15)			

CHIANINA/ CHIANGUS	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	8	(0.15)	**or**	2.4	(0.15)	44	(0.15)	**or**	65	(0.15)	11	**to**	18
Calving Ease	12	(0.15)	**or**	0.9	(0.15)	41	(0.15)	**or**	61	(0.15)	11	**to**	18
Terminal	5	(0.15)	**or**	3.6	(0.15)	51	(0.15)	**or**	77	(0.15)			

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GELBVIEH	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	11	(0.15)	**or**	1.1	(0.15)	60	(0.15)	**or**	81	(0.15)	16	**to**	25
Calving Ease	15	(0.15)	**or**	-.8	(0.15)	57	(0.15)	**or**	77	(0.15)	16	**to**	25
Terminal	9	(0.15)	**or**	2.5	(0.15)	66	(0.15)	**or**	96	(0.15)			

BALANCER	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	12	(0.15)	**or**	0.6	(0.15)	62	(0.15)	**or**	89	(0.15)	16	**to**	24
Calving Ease	15	(0.15)	**or**	-1.1	(0.15)	59	(0.15)	**or**	86	(0.15)	16	**to**	24
Terminal	9	(0.15)	**or**	2.0	(0.15)	69	(0.15)	**or**	106	(0.15)			

HEREFORD	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	0	(0.15)	**or**	3.7	(0.15)	49	(0.15)	**or**	75	(0.15)	18	**to**	30
Calving Ease	8	(0.15)	**or**	1.9	(0.15)	46	(0.15)	**or**	71	(0.15)	18	**to**	30
Terminal	-4	(0.15)	**or**	5.3	(0.15)	55	(0.15)	**or**	89	(0.15)			

BLACK HEREFORD	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	0	(0.15)		1.3	(0.15)	13	(0.15)	**or**	21	(0.15)	2	**to**	5
Calving Ease	6	(0.15)		0.4	(0.15)	12	(0.15)	**or**	19	(0.15)	2	**to**	5
Terminal	-4	(0.15)		2.3	(0.15)	18	(0.15)	**or**	27	(0.15)			

LIMOUSIN	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	11	(0.15)	**or**	1.7	(0.15)	58	(0.15)	**or**	78	(0.15)	20	**to**	31
Calving Ease	15	(0.15)	**or**	-0.5	(0.15)	53	(0.15)	**or**	75	(0.15)	20	**to**	31
Terminal	7	(0.15)	**or**	3.4	(0.15)	65	(0.15)	**or**	95	(0.15)			

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LIM-FLEX	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	11	(0.15)	**or**	1.4	(0.15)	63	(0.15)	**or**	92	(0.15)	18	**to**	25
Calving Ease	14	(0.15)	**or**	0	(0.15)	59	(0.15)	**or**	91	(0.15)	18	**to**	25
Terminal	8	(0.15)	**or**	2.7	(0.15)	70	(0.15)	**or**	108	(0.15)			

MAINE ANJOU	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	8	(0.15)	**or**	1.1	(0.15)	39	(0.15)	**or**	49	(0.15)	14	**to**	24
Calving Ease	12	(0.15)	**or**	-1.3	(0.15)	37	(0.15)	**or**	45	(0.15)	14	**to**	24
Terminal	1	(0.15)	**or**	4.7	(0.15)	46	(0.15)	**or**	58	(0.15)			

MURRAY GREY	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	-1	(0.15)	**or**	4.5	(0.15)	22	(0.15)	**or**	34	(0.15)	1	**to**	7
Calving Ease	0	(0.15)	**or**	2.9	(0.15)	19	(0.15)	**or**	29	(0.15)	1	**to**	7
Terminal	-2	(0.15)	**or**	5.9	(0.15)	29	(0.15)	**or**	46	(0.15)			

RED ANGUS	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	11	(0.15)	**or**	0	(0.15)	56	(0.15)	**or**	80	(0.15)	20	**to**	28
Calving Ease	14	(0.15)	**or**	-2.9	(0.15)	51	(0.15)	**or**	78	(0.15)	20	**to**	28
Terminal	9	(0.15)	**or**	1.5	(0.15)	63	(0.15)	**or**	100	(0.15)			

SALERS	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	11	(0.15)	**or**	0.9	(0.15)	51	(0.15)	**or**	70	(0.15)	13	**to**	22
Calving Ease	13	(0.15)	**or**	-1	(0.15)	48	(0.15)	**or**	68	(0.15)	13	**to**	22
Terminal	9	(0.15)	**or**	2.0	(0.15)	58	(0.15)	**or**	84	(0.15)			

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SANTA GERTRUDIS	CALVING EASE - Required				GROWTH - Required					*Maternal - Suggested*		
	Minimum		Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)	BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced			-1.0	(0.15)	-5	(0.15)	**or**	-7	(0.15)	-3	**to**	4
Calving Ease			-0.7	(0.15)	-7	(0.15)	**or**	-9	(0.15)	-3	**to**	4
Terminal			1.3	(0.15)	1	(0.15)	**or**	2	(0.15)			

SENEPOL	CALVING EASE - Required				GROWTH - Required					*Maternal - Suggested*		
	Minimum		Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)	BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced			1.9	(0.15)	7	(0.15)	**or**	8	(0.15)	2	**to**	10
Calving Ease			-0.2	(0.15)	6	(0.15)	**or**	6	(0.15)	2	**to**	10
Terminal			4.2	(0.15)	14	(0.15)	**or**	15	(0.15)			

SHORTHORN	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	10	(0.15)	**or**	2.1	(0.15)	40	(0.15)	**or**	56	(0.15)	20	**to**	28
Calving Ease	14	(0.15)	**or**	-0.7	(0.15)	38	(0.15)	**or**	54	(0.15)	20	**to**	28
Terminal	5	(0.15)	**or**	4.4	(0.15)	46	(0.15)	**or**	69	(0.15)			

SIMMENTAL	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	9	(0.15)	**or**	2.5	(0.15)	70	(0.15)	**or**	97	(0.15)	19	**to**	29
Calving Ease	14	(0.15)	**or**	0.3	(0.15)	65	(0.15)	**or**	95	(0.15)	19	**to**	29
Terminal	5	(0.15)	**or**	4.6	(0.15)	77	(0.15)	**or**	112	(0.15)			

HYBRID SIMMENTAL	CALVING EASE - Required					GROWTH - Required					*Maternal - Suggested*		
	Minimum			Max.	Min.	Minimum			Minimum		Minimum		Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW	(Acc.)	Milk		
Balanced	11	(0.15)	**or**	1.5	(0.15)	67	(0.15)	**or**	97	(0.15)	18	**to**	27
Calving Ease	14	(0.15)	**or**	0	(0.15)	62	(0.15)	**or**	94	(0.15)	18	**to**	27
Terminal	8	(0.15)	**or**	3.2	(0.15)	74	(0.15)	**or**	113	(0.15)			

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SOUTH DEVON	CALVING EASE - Required				GROWTH - Required				*Maternal - Suggested*	
	Minimum		Max.	Min.	Minimum			Minimum	Minimum	Maximum
	CE	(Acc.)	BW	(Acc.)	WW	(Acc.)		YW (Acc.)	Milk	
Balanced	8	(0.15)	1.1	(0.15)	52	(0.15)	**or**	74 (0.15)	11 **to**	19
Calving Ease	12	(0.15)	-1.3	(0.15)	50	(0.15)	**or**	72 (0.15)	11 **to**	19
Terminal	5	(0.15)	3.2	(0.15)	60	(0.15)	**or**	89 (0.15)		

TARENTAISE	CALVING EASE - Required					GROWTH - Required				*Maternal - Suggested*	
	Minimum			Max.	Min.	Minimum			Minimum	Minimum	Maximum
	CE	(Acc.)		BW	(Acc.)	WW	(Acc.)		YW (Acc.)	Milk	
Balanced	0	(0.15)	**or**	2.0	(0.15)	-3	(0.15)	**or**	3 (0.15)	-2 **to**	4
Calving Ease	3	(0.15)	**or**	0	(0.15)	-5	(0.15)	**or**	1 (0.15)	-2 **to**	4
Terminal	-5	(0.15)	**or**	4.7	(0.15)	10	(0.15)	**or**	20 (0.15)		

TAEP: FY 2020/2021 Cattle Genetics Program - Minimum Dairy LNM or Index Requirements by Breed

To Qualify: A bull must meet or exceed the requirements in **1 of the 2** categories.

BREED	LNM	or	Index	Value
HOLSTEIN	308	or	TPI	1719
Red & White	308	or	TPI	1719
AYRSHIRE	223	or	PTI	83
BROWN SWISS	174	or	PPR	80
GUERNSEY	102	or	PTI	78
JERSEY	217	or	JPI	82
MILKING SHORTHORN	50			

TAEP: FY 2020-21 Cattle Genetics - Beef EPD & Acc Req - 3-Tier Bull Type - Examples			
Example:	***Does this Angus bull qualify?***		***As which bull type?***
	CE = 9 (0.18 accuracy)		
	BW = 2.9 (0.24 accuracy)		
	WW = 41 (0.21 accuracy)		
	YW = 76 (0.05 accuracy)		
	Milk = 37		
BALANCED Bull	Must meet or exceed EPD requirements for: Calving ease ***and*** Growth		
	Maternal group (Milk EPD) - Suggested (not required)		
	Calving ease and Growth must have min. 0.15 accuracy		
	Calving Ease (CE)	acceptable	greater than 5
	Birth Weight (BW)	unacceptable	greater than 2.7
	Calving ease group:	**acceptable**	meets CE requirement
	** CE has accuracy value greater than 0.15 **		
	Weaning Weight (WW)	unacceptable	lower than 50
	Yearling Weight (YW)	unacceptable	lower than 77 / accuracy lower than 0.15
	Growth group:	**unacceptable**	meets *neither* WW or YW requirements
	** Only WW has an accuracy value greater than 0.15 **		
	Milk	Milk above "suggested" 20-31 range	
		Producer may consider visiting with trusted Seedstock	
		breeder, Extension leader, or Beef industry leader,	
		about appropriate Milk levels for their program.	
	Maternal group:	**ok**	Milk is "suggested" (not required)
	This bull does <u>not</u> qualify as a "Balanced" bull: <u>Growth</u> group is <u>unacceptable</u>		

TERMINAL Bull	Must meet or exceed EPD requirements for: Calving ease ***and*** Growth only		
	Calving ease and Growth must have min. 0.15 accuracy		
	Calving Ease (CE)	acceptable	greater than 0
	Birth Weight (BW)	acceptable	lower than 4.7
	Calving ease group:	**acceptable**	meets *both* CE and BW requirements
	** Both CE and BW have accuracy values greater than 0.15 **		
	Weaning Weight (WW)	unacceptable	lower than 57
	Yearling Weight (YW)	unacceptable	lower than 96 / accuracy lower than 0.15
	Growth group:	**unacceptable**	meets *neither* WW or YW requirements
	** Only WW has an accuracy value greater than 0.15 **		
	Milk	*not required for Terminal bulls*	
	Maternal group:	*"suggested" group for Balanced & Calving Ease bulls*	
	This bull does not qualify as a "Terminal" bull: Growth group is unacceptable		

CALVING EASE Bull	Must meet or exceed EPD requirements for: Calving ease ***and*** Growth			
		Maternal group (Milk EPD) - Suggested (not required)		
	Calving ease and Growth must have min. 0.15 accuracy			
	Calving Ease (CE)		acceptable	equals 9
	Birth Weight (BW)		unacceptable	greater than 1.3
	Calving ease group:		**acceptable**	meets CE requirement
	** Both CE and BW have accuracy values greater than 0.15 **			
	Weaning Weight (WW)		unacceptable	lower than 44
	Yearling Weight (YW)		acceptable	greater than 75
		YW accuracy	unacceptable	lower than 0.15
	Growth group:		**unacceptable**	
	** Only WW has an accuracy value greater than 0.15 **			
	If this bull has a 0.05 Accuracy for CE, BW, WW and YW:			
	This bull <u>does NOT qualify</u> as a TAEP bull.			
If registered bull has YW performance and contemporary data from NCE: YW = 76 (0.20 acc)				
	Weaning Weight (WW)		unacceptable	lower than 44
	Yearling Weight (YW)		acceptable	greater than 75
		YW accuracy	acceptable	YW meets EPD at acceptable accuracy
	Growth group:		**acceptable**	meets YW requirement for both
				EPD and accuracy
	Milk		Milk is above "suggested" 20-31 range	
			Producer may consider visiting with trusted Seedstock	
			breeder, Extension leader, or Beef industry leader	
			about appropriate Milk levels for their program.	
	Maternal group:		**ok**	Milk is "suggested" (not required)
	This bull <u>does qualify</u> as a "Calving Ease" bull: Calving Ease & Growth groups <u>are acceptable</u>			
		Producer may consider maintenance requirements of daughters as		
		Milk EPD is above "suggested" range.		
	This bull would be <u>reimbursed up to</u> a maximum of <u>$1,000</u>.			